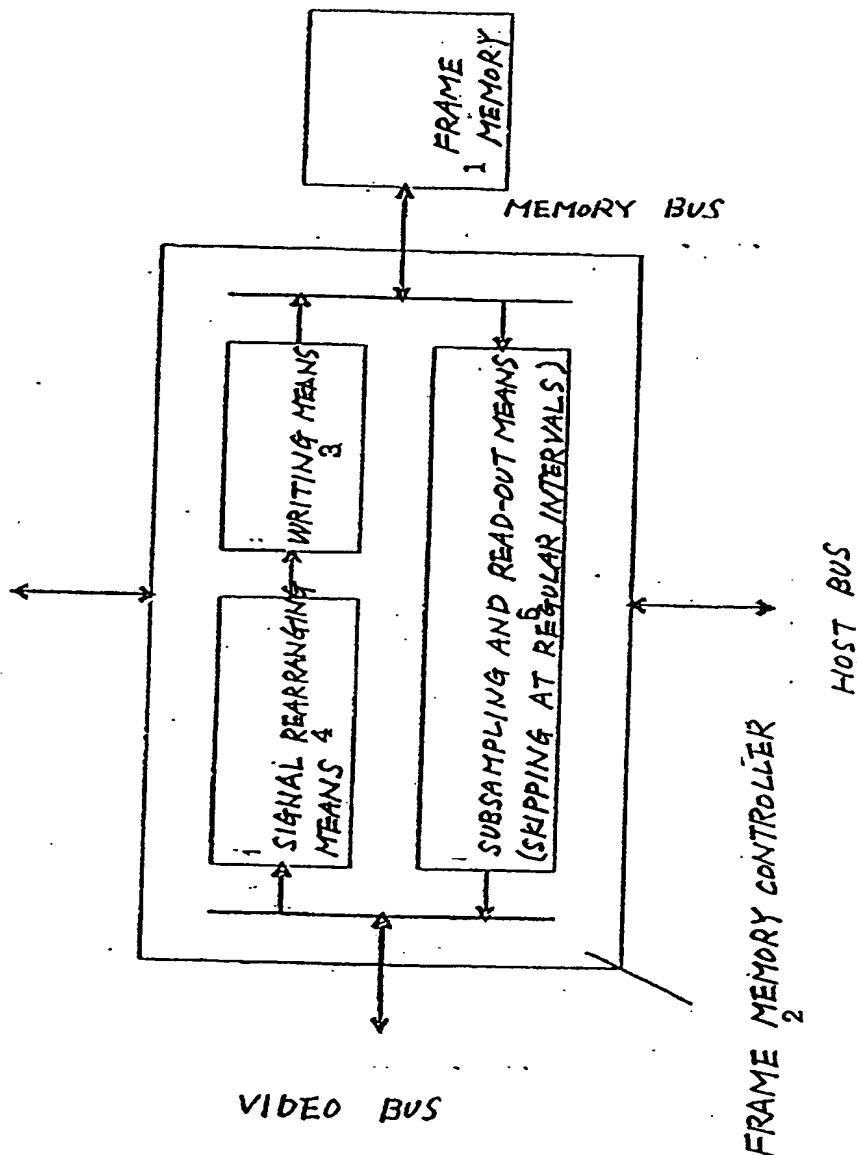


REPLACEMENT SHEET

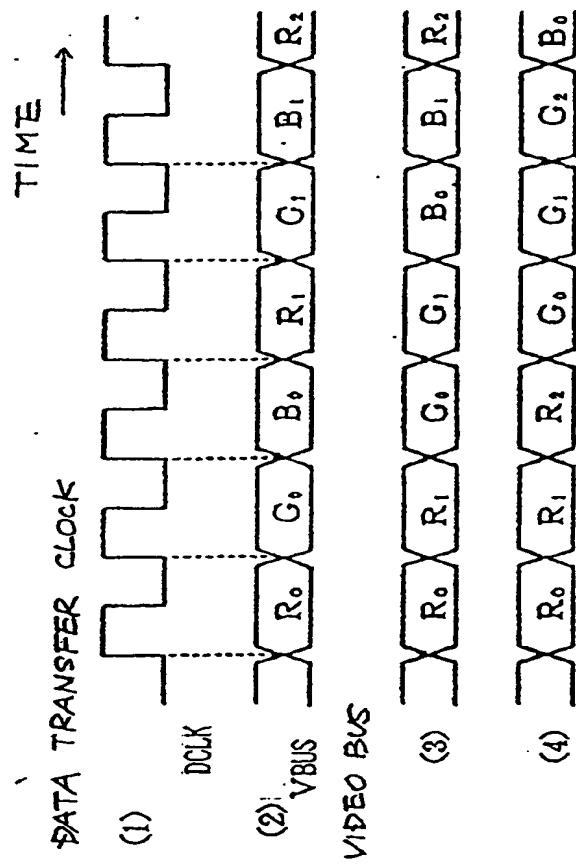
FIG. 1

COMPRESSION / EXPANSION BUS



REPLACEMENT SHEET

Fig. 2

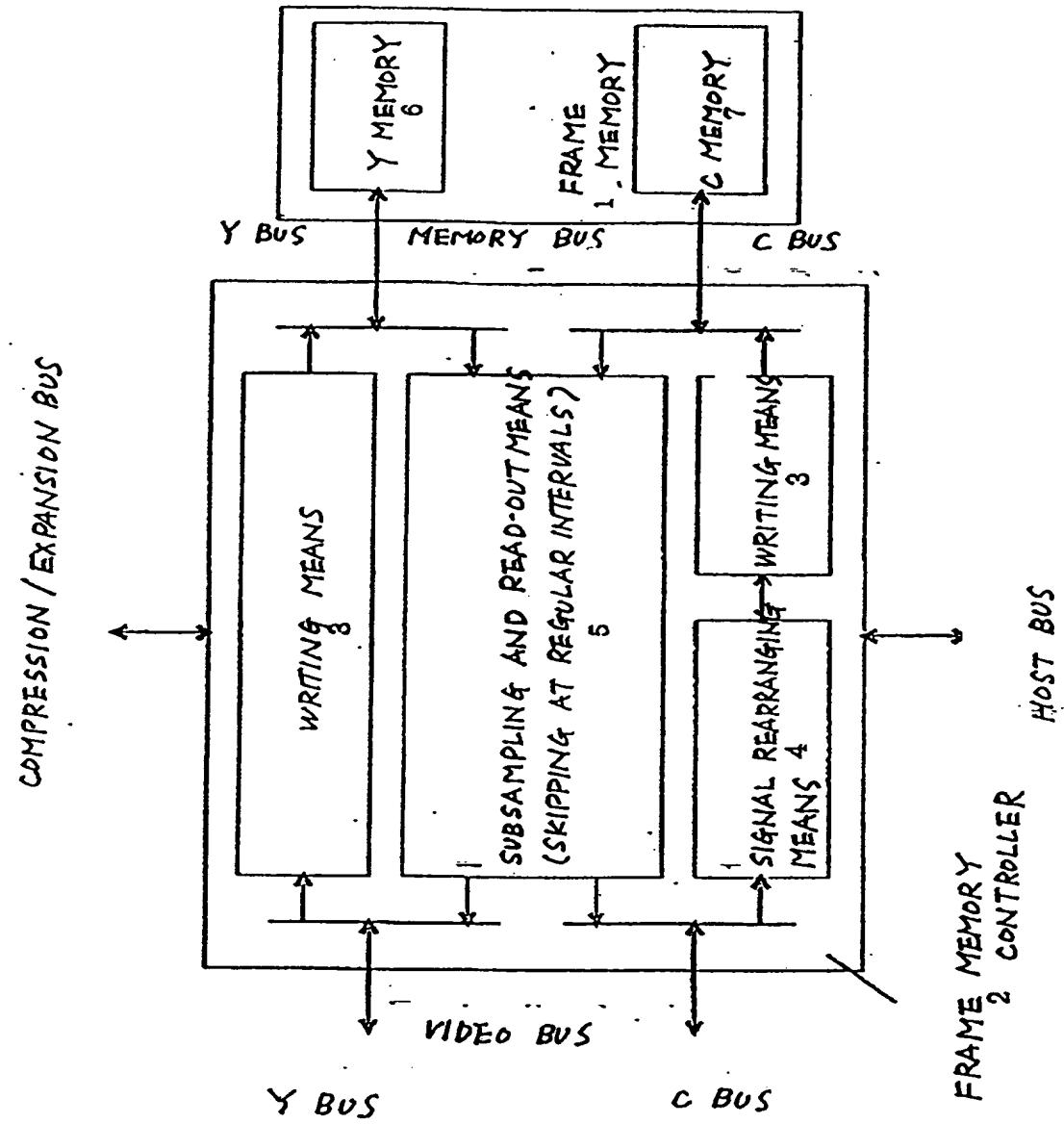


## REPLACEMENT SHEET

FIG.3

0	R <sub>00</sub>	R <sub>01</sub>	G <sub>00</sub>	G <sub>01</sub>	B <sub>00</sub>
1	R <sub>10</sub>	R <sub>11</sub>	G <sub>10</sub>	G <sub>11</sub>	B <sub>10</sub>
2	R <sub>20</sub>	R <sub>21</sub>	G <sub>20</sub>	G <sub>21</sub>	B <sub>20</sub>
3	R <sub>30</sub>	R <sub>31</sub>	G <sub>30</sub>	G <sub>31</sub>	B <sub>30</sub>

FIG. 4



REPLACEMENT SHEET

FIG. 5

HORIZONTAL ADDRESS

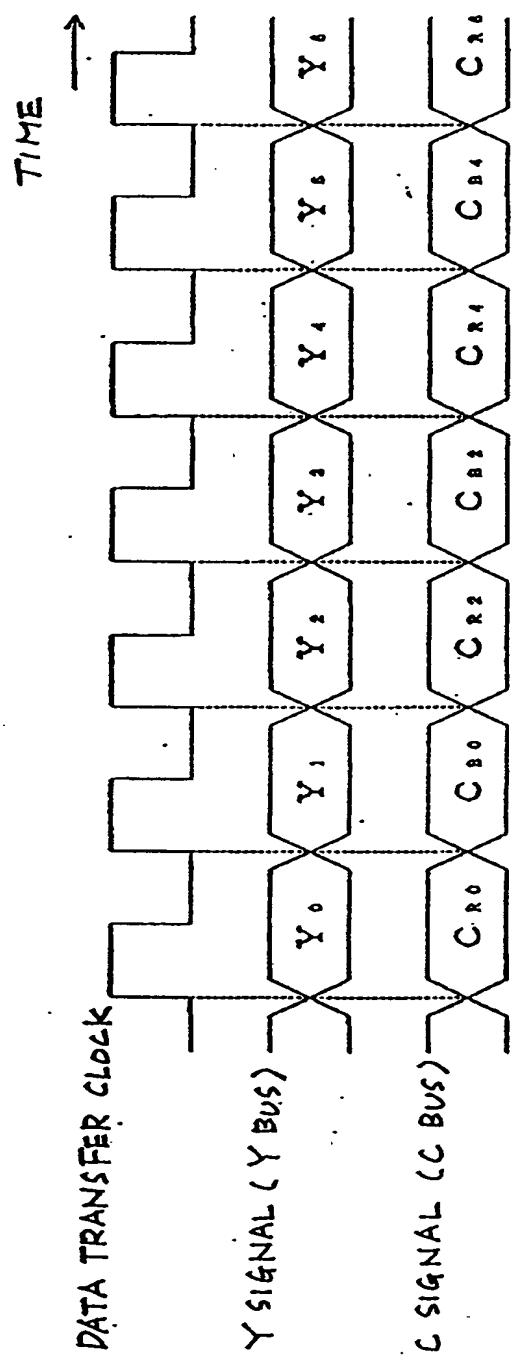
	0	1	2	3	4	5	6	7
0	C <sub>B00</sub>	C <sub>B02</sub>	C <sub>B00</sub>	C <sub>R00</sub>	C <sub>B02</sub>	C <sub>B04</sub>	C <sub>B00</sub>	C <sub>R04</sub>
1	C <sub>B10</sub>	C <sub>B12</sub>	C <sub>R10</sub>	C <sub>A11</sub>	C <sub>B14</sub>	C <sub>B16</sub>	C <sub>R14</sub>	C <sub>R16</sub>
2	C <sub>B20</sub>	C <sub>B22</sub>	C <sub>R20</sub>	C <sub>A21</sub>	C <sub>B24</sub>	C <sub>B26</sub>	C <sub>R24</sub>	C <sub>R26</sub>
3	C <sub>B30</sub>	C <sub>B32</sub>	C <sub>R30</sub>	C <sub>A31</sub>	C <sub>B34</sub>	C <sub>B36</sub>	C <sub>R34</sub>	C <sub>R36</sub>

VERTICAL ADDRESS

STORAGE ADDRESS OF C<sub>B</sub> AND C<sub>R</sub> SIGNAL (C MEMORY)

REPLACEMENT SHEET

FIG. 6



REPLACEMENT SHEET

HORIZONTAL ADDRESS

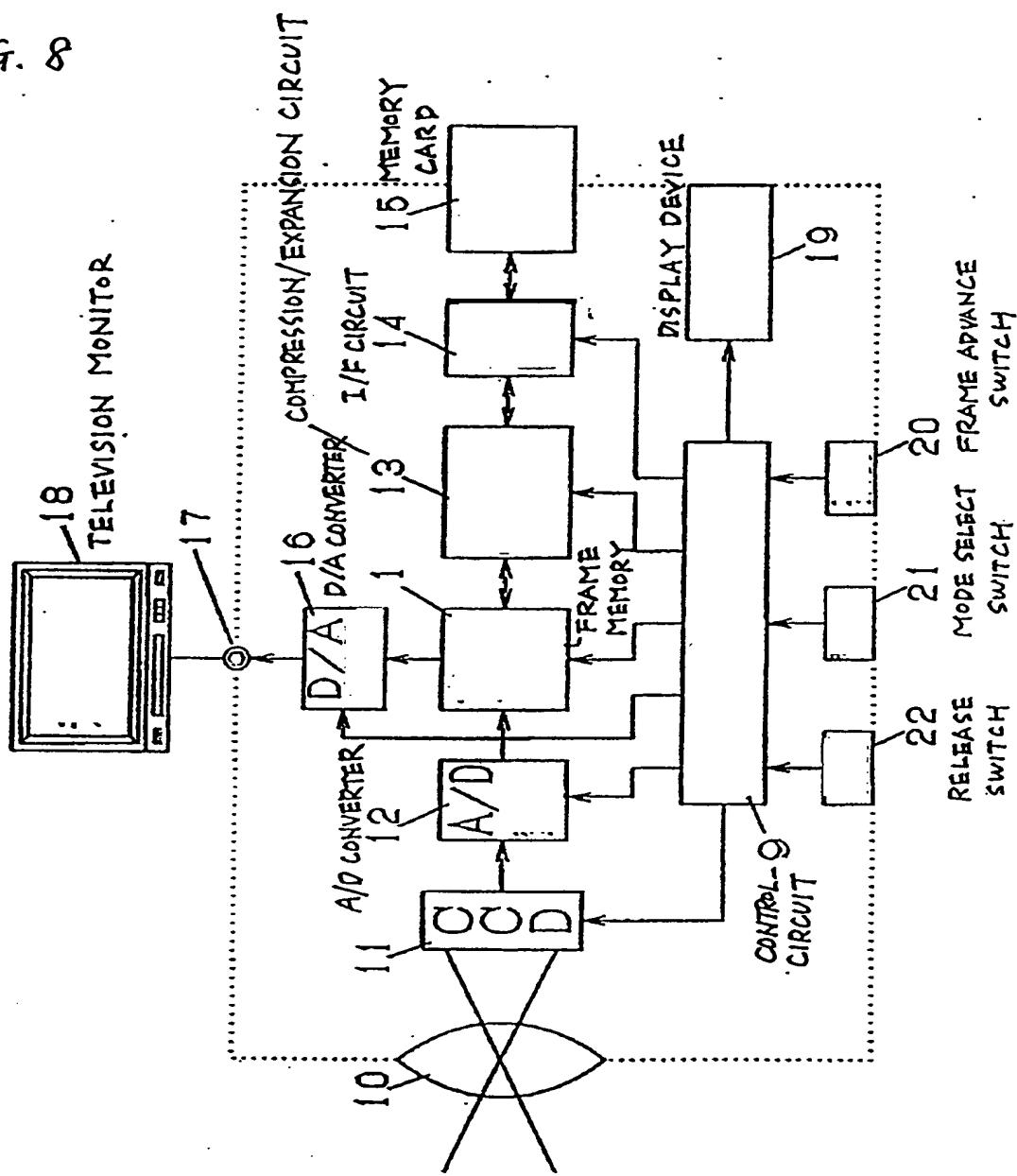
FIG 7

	0	1	2	3	4	5	6	7
0	C <sub>R00</sub>	C <sub>R01</sub>	C <sub>B00</sub>	C <sub>B01</sub>	C <sub>R04</sub>	C <sub>R05</sub>	C <sub>R06</sub>	C <sub>R07</sub>
1	C <sub>R10</sub>	C <sub>R11</sub>	C <sub>B10</sub>	C <sub>B11</sub>	C <sub>R14</sub>	C <sub>R15</sub>	C <sub>R16</sub>	C <sub>R17</sub>
2	C <sub>R20</sub>	C <sub>R21</sub>	C <sub>B20</sub>	C <sub>B21</sub>	C <sub>R24</sub>	C <sub>R25</sub>	C <sub>R26</sub>	C <sub>R27</sub>
3	C <sub>R30</sub>	C <sub>R31</sub>	C <sub>B30</sub>	C <sub>B31</sub>	C <sub>R34</sub>	C <sub>R35</sub>	C <sub>R36</sub>	C <sub>R37</sub>

VERTICAL ADDRESS

STORAGE ADDRESS OF C<sub>B</sub> AND CR SIGNAL (C MEMORY)

FIG. 8



REPLACEMENT SHEET

FIG. 9

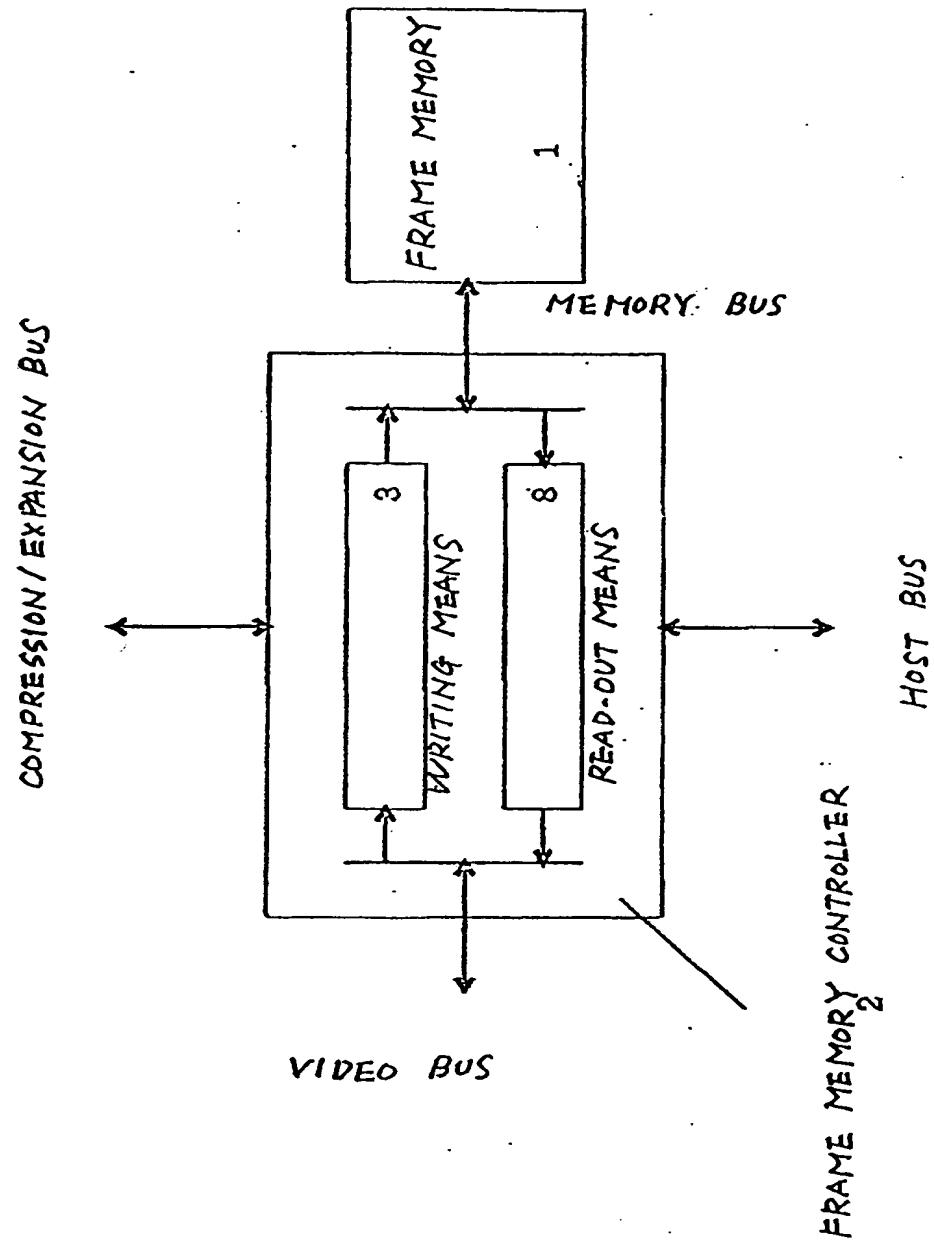
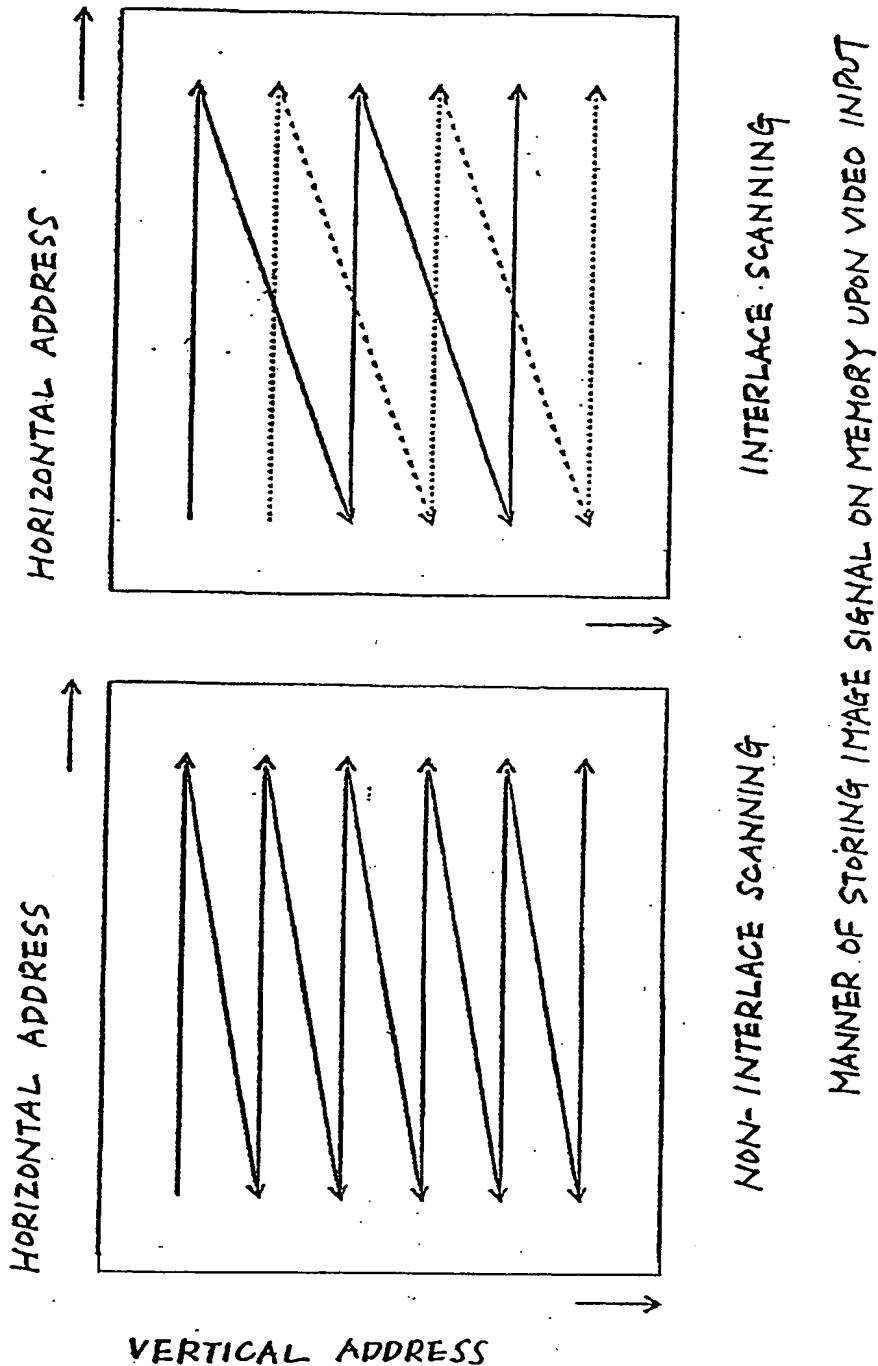


FIG. 10



REPLACEMENT SHEET

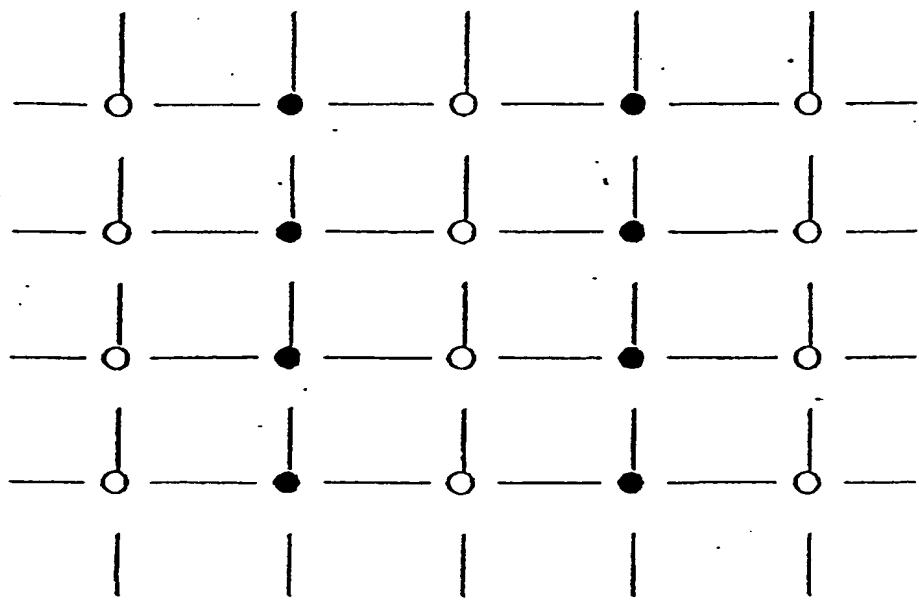
FIG. 11

G	B	G	B	G	B	G	B	G
R	G	R	G	R	G	R	G	R
G	B	G	B	G	B	G	B	G
R	G	R	G	R	G	R	G	R
G	B	G	B	G	B	G	B	G
R	G	R	G	R	G	R	G	R
G	B	G	B	G	B	G	B	G
R	G	R	G	R	G	R	G	R

SINGLE DISC COLOR FILTER HAVING  
BAYER ARRANGEMENT

REPLACEMENT SHEET

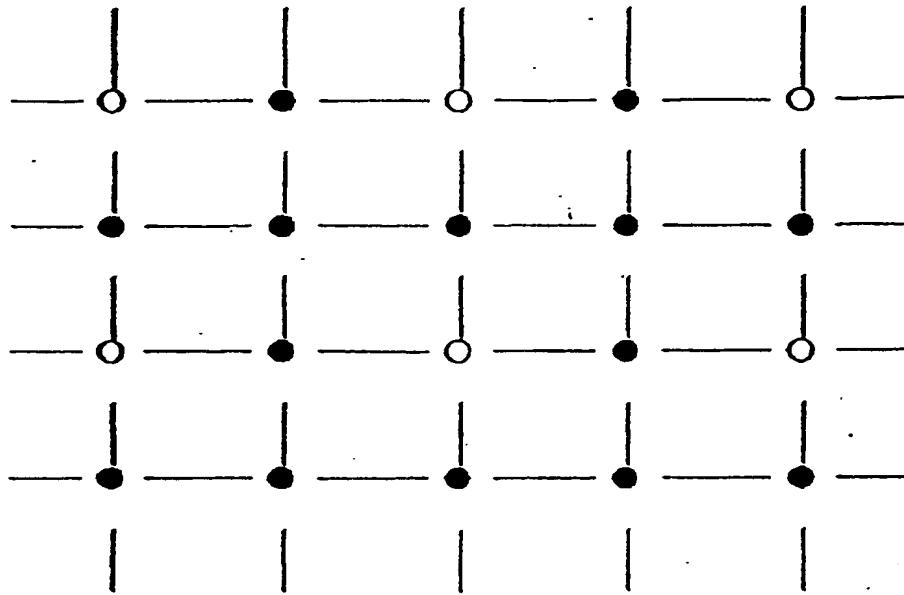
FIG. 12



SAMPLING COORDINATES OF  $YCB\bar{C}R$  4:2:2  
IMAGE SIGNAL

REPLACEMENT SHEET

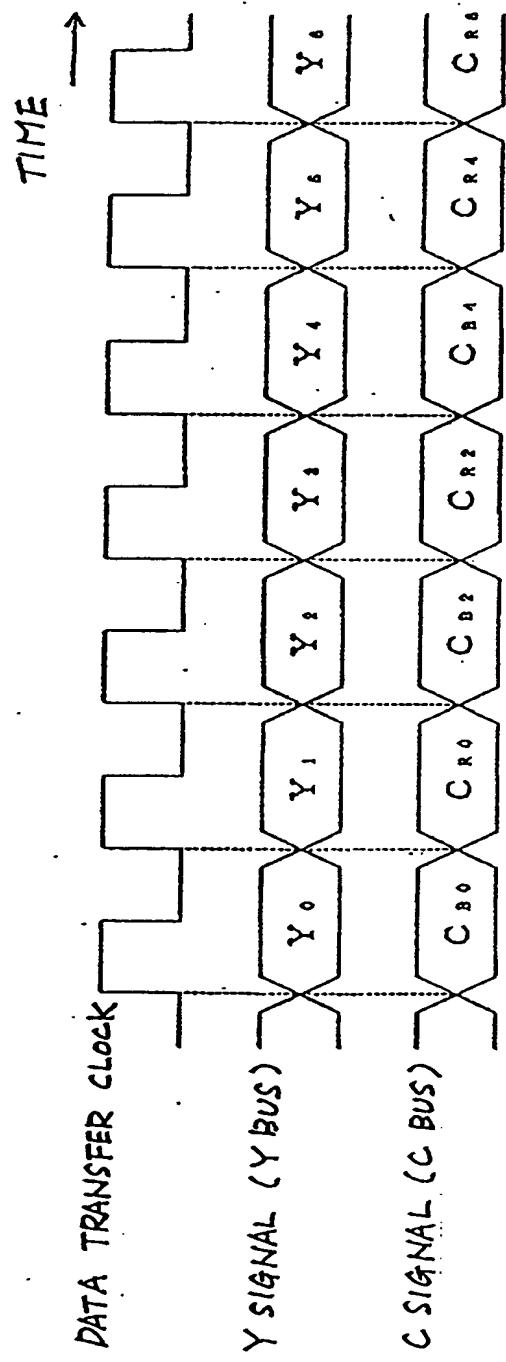
FIG. 13



SAMPLING COORDINATES OF  $YCbCr$  4:1:1  
IMAGE SIGNAL

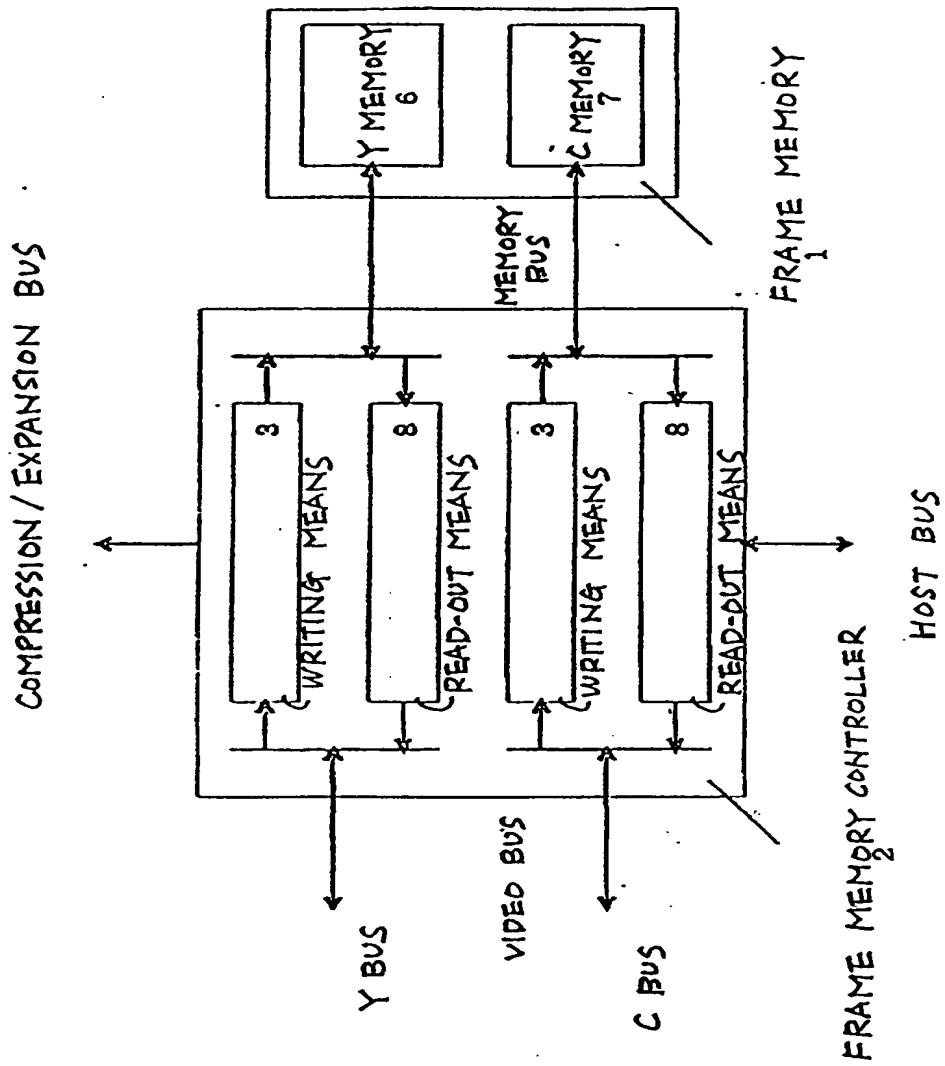
REPLACEMENT SHEET

FIG. 14



REPLACEMENT SHEET

FIG. 15



REPLACEMENT SHEET

FIG. 16 (a)

HORIZONTAL ADDRESS

VERTICAL ADDRESS

	0	1	2	3	4	5	n	→
0	Y <sub>00</sub>	Y <sub>01</sub>	Y <sub>02</sub>	Y <sub>03</sub>	Y <sub>04</sub>	Y <sub>05</sub>		
1	Y <sub>10</sub>	Y <sub>11</sub>	Y <sub>12</sub>	Y <sub>13</sub>	Y <sub>14</sub>	Y <sub>15</sub>		
2	Y <sub>20</sub>	Y <sub>21</sub>	Y <sub>22</sub>	Y <sub>23</sub>	Y <sub>24</sub>	Y <sub>25</sub>		
3	Y <sub>30</sub>	Y <sub>31</sub>	Y <sub>32</sub>	Y <sub>33</sub>	Y <sub>34</sub>	Y <sub>35</sub>		
m	Y <sub>m0</sub>	Y <sub>m1</sub>	Y <sub>m2</sub>	Y <sub>m3</sub>	Y <sub>m4</sub>	Y <sub>m5</sub>		
↓								

STORAGE ADDRESS OF Y SIGNAL (Y MEMORY)

FIG. 16 (b)

HORIZONTAL ADDRESS

VERTICAL ADDRESS

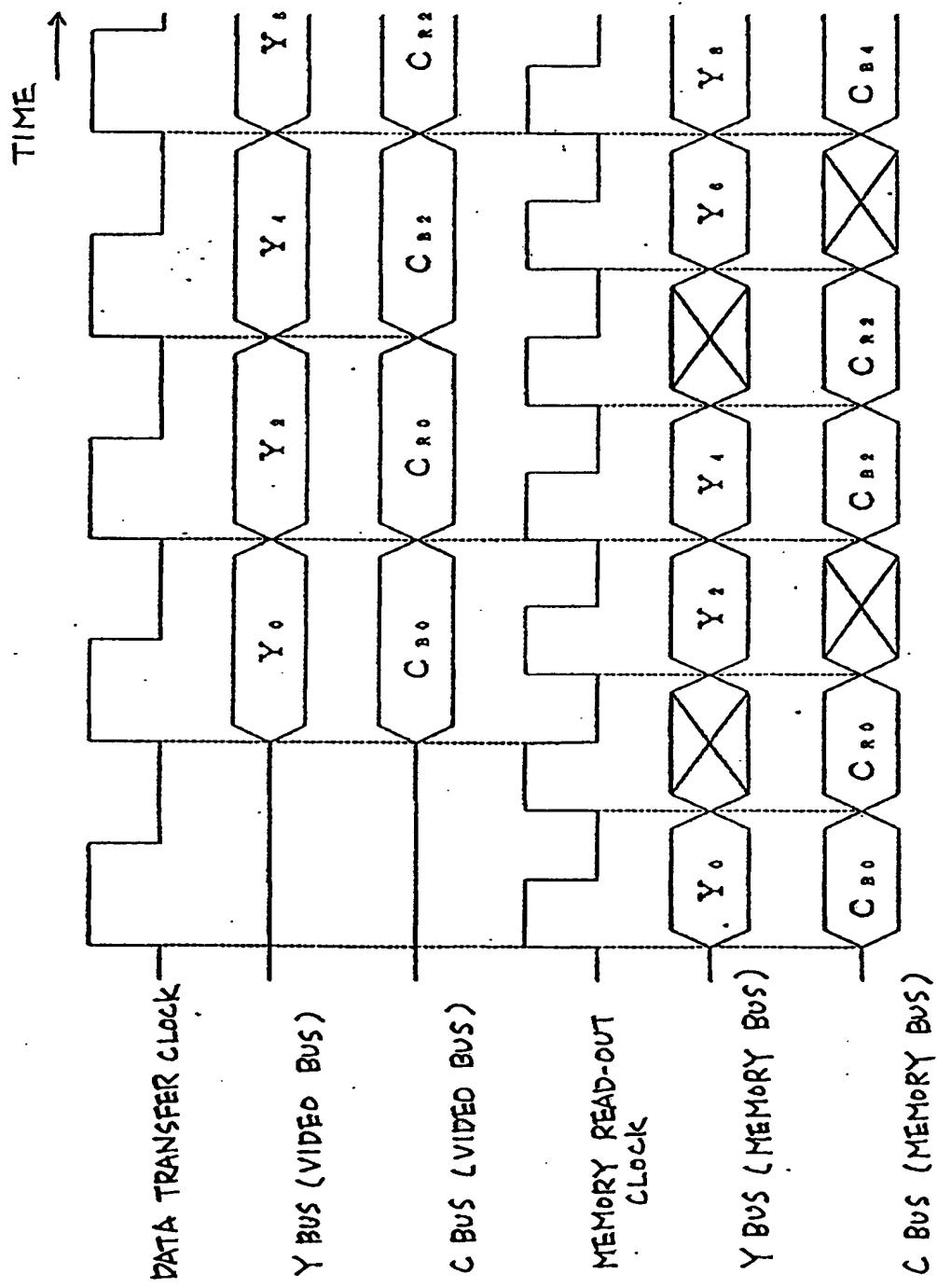
	0	1	2	3	4	5	n	n+1	→
0	C <sub>000</sub>	C <sub>001</sub>	C <sub>002</sub>	C <sub>003</sub>	C <sub>004</sub>	C <sub>005</sub>			
1	C <sub>010</sub>	C <sub>011</sub>	C <sub>012</sub>	C <sub>013</sub>	C <sub>014</sub>	C <sub>015</sub>			
2	C <sub>020</sub>	C <sub>021</sub>	C <sub>022</sub>	C <sub>023</sub>	C <sub>024</sub>	C <sub>025</sub>			
3	C <sub>030</sub>	C <sub>031</sub>	C <sub>032</sub>	C <sub>033</sub>	C <sub>034</sub>	C <sub>035</sub>			
m	C <sub>mm0</sub>	C <sub>mm1</sub>	C <sub>mm2</sub>	C <sub>mm3</sub>	C <sub>mm4</sub>	C <sub>mm5</sub>			
↓									

IN THIS CASE, n IS INTEGER

STORAGE ADDRESS OF C<sub>B</sub> AND C<sub>R</sub> SIGNAL (C MEMORY)

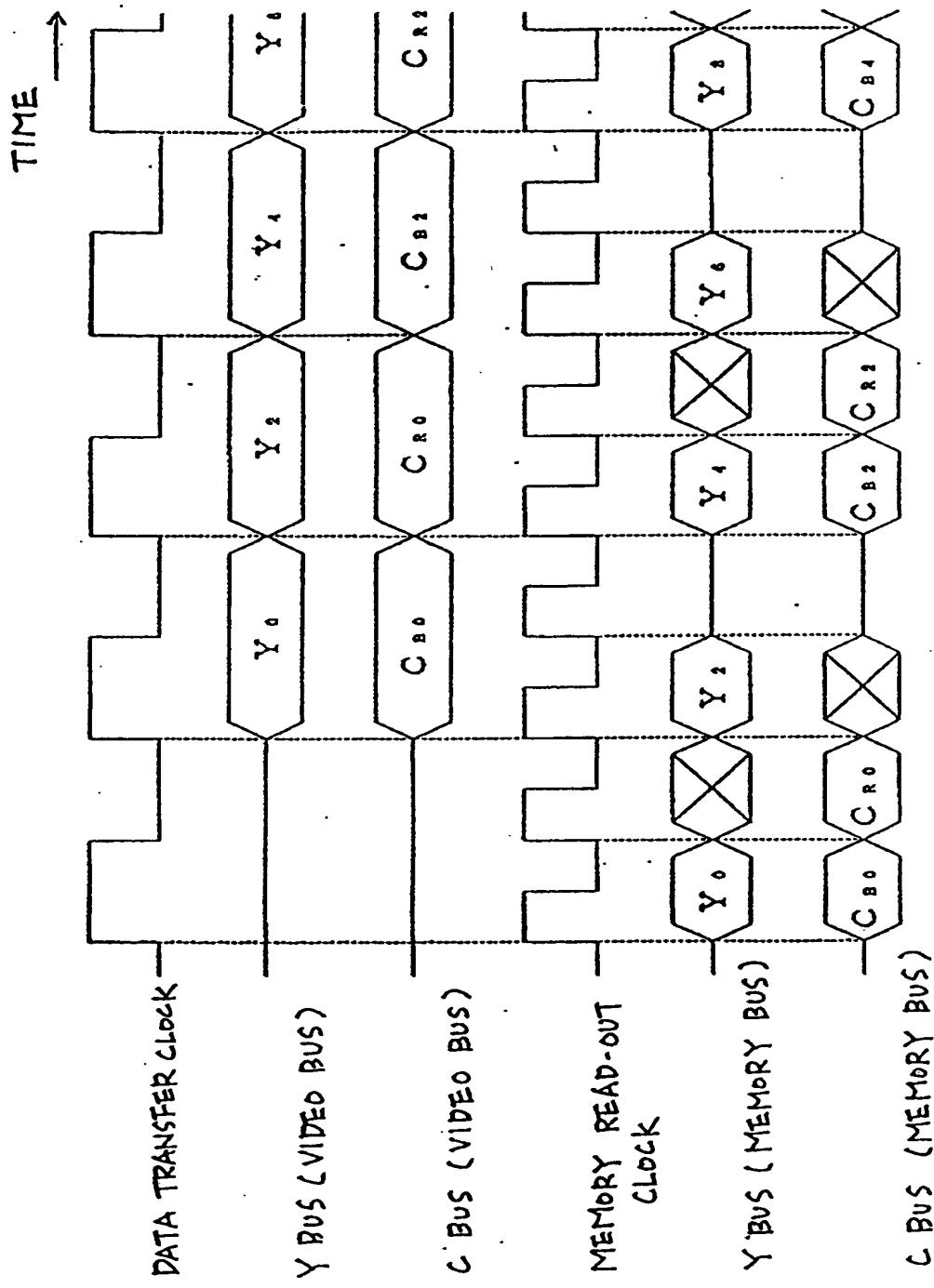
REPLACEMENT SHEET

FIG. 17



REPLACEMENT SHEET

FIG. 18



REPLACEMENT SHEET

Fig. 19

